

Table ENG-6. - Sanitary Facilities

McDowell County, West Virginia

The information in this table indicates the dominant soil condition, but does not eliminate the need for onsite investigation. The numbers in the value column range from 0.01 to 1.00. The larger the value, the greater the potential limitation. Limiting features in this report are limited to the top 5 limitations. Additional limitations may exist.

Map Symbol and Soil Name	Pct of Map Unit	Trench Sanitary Landfill	Value	Area Sanitary Landfill	Value	Daily Cover for Landfill	Value
		Rating Class and Limiting Features		Rating Class and Limiting Features		Rating Class and Limiting Features	
05: Yeager	100	Very limited Flooding Depth to saturated zone Too Sandy	1.00 1.00 1.00	Very limited Flooding Depth to saturated zone Seepage	1.00 1.00 1.00	Very limited Seepage Too Sandy	1.00 0.50
Holly	5	Very limited Slope Seepage	1.00 1.00	Very limited Slope	1.00	Very limited Slope Hard to compact	1.00 0.50
08: Yeager	100	Very limited Flooding Depth to saturated zone Too Sandy	1.00 1.00 1.00	Very limited Flooding Depth to saturated zone Seepage	1.00 1.00 1.00	Very limited Seepage Too Sandy	1.00 0.50
Holly	5	Very limited Slope Seepage	1.00 1.00	Very limited Slope	1.00	Very limited Slope Hard to compact	1.00 0.50
09: Chavies	95	Very limited Seepage Flooding	1.00 0.40	Very limited Seepage Flooding	1.00 0.40	Somewhat limited Seepage	0.50
Holly	5	Very limited Slope Seepage	1.00 1.00	Very limited Slope	1.00	Very limited Slope Hard to compact	1.00 0.50
20E: Pineville	60	Very limited Slope Seepage	1.00 1.00	Very limited Slope	1.00	Very limited Slope Gravel content	1.00 0.35
Lily	25	Very limited Slope Depth to bedrock	1.00 1.00	Very limited Slope Depth to bedrock Seepage	1.00 1.00 1.00	Very limited Depth to bedrock Slope Seepage	1.00 1.00 0.50
Other Soils	20	Very limited Slope Seepage	1.00 1.00	Very limited Slope	1.00	Very limited Slope Hard to compact	1.00 0.50

30C:

Table ENG-6. - Sanitary Facilities - Continued

McDowell County, West Virginia

Map Symbol and Soil Name	Pct of Map Unit	Trench Sanitary Landfill	Value	Area Sanitary Landfill	Value	Daily Cover for Landfill	Value
		Rating Class and Limiting Features		Rating Class and Limiting Features		Rating Class and Limiting Features	
30C: Lily	100	Very limited Depth to bedrock Slope	1.00 0.04	Very limited Depth to bedrock Seepage Slope	1.00 1.00 0.04	Very limited Depth to bedrock Seepage Slope	1.00 0.50 0.04
30E: Gilpin	40	Very limited Slope Depth to bedrock	1.00 1.00	Very limited Slope Depth to bedrock	1.00 1.00	Very limited Depth to bedrock Slope Gravel content	1.00 1.00 <0.01
Lily	40	Very limited Slope Depth to bedrock	1.00 1.00	Very limited Slope Depth to bedrock Seepage	1.00 1.00 1.00	Very limited Depth to bedrock Slope Seepage	1.00 1.00 0.50
Other Soils	20	Very limited Slope Seepage	1.00 1.00	Very limited Slope	1.00	Very limited Slope Hard to compact	1.00 0.50
31E: Gilpin	40	Very limited Slope Depth to bedrock	1.00 1.00	Very limited Slope Depth to bedrock	1.00 1.00	Very limited Depth to bedrock Slope Gravel content	1.00 1.00 <0.01
Lily	40	Very limited Slope Depth to bedrock	1.00 1.00	Very limited Slope Depth to bedrock Seepage	1.00 1.00 1.00	Very limited Depth to bedrock Slope Seepage	1.00 1.00 0.50
Other Soils	20	Very limited Slope Seepage	1.00 1.00	Very limited Slope	1.00	Very limited Slope Hard to compact	1.00 0.50
39F: Pineville	40	Very limited Slope Seepage	1.00 1.00	Very limited Slope	1.00	Very limited Slope Gravel content	1.00 0.32
Berks	35	Very limited Slope Depth to bedrock Seepage	1.00 1.00 1.00	Very limited Slope Depth to bedrock Seepage	1.00 1.00 1.00	Very limited Depth to bedrock Slope Seepage	1.00 1.00 0.50
Other Soils	25	Very limited Slope Seepage	1.00 1.00	Very limited Slope	1.00	Very limited Slope Hard to compact	1.00 0.50
41F:							

Table ENG-6. - Sanitary Facilities - Continued

McDowell County, West Virginia

Map Symbol and Soil Name	Pct of Map Unit	Trench Sanitary Landfill	Value	Area Sanitary Landfill	Value	Daily Cover for Landfill	Value
		Rating Class and Limiting Features		Rating Class and Limiting Features		Rating Class and Limiting Features	
41F: Pineville	40	Very limited Slope Seepage	1.00 1.00	Very limited Slope	1.00	Very limited Slope Gravel content	1.00 0.32
Berks	35	Very limited Slope Depth to bedrock Seepage	1.00 1.00 1.00	Very limited Slope Depth to bedrock Seepage	1.00 1.00 1.00	Very limited Depth to bedrock Slope Seepage	1.00 1.00 0.50
Other Soils	25	Very limited Slope Seepage	1.00 1.00	Very limited Slope	1.00	Very limited Slope Hard to compact	1.00 0.50
49F: Berks	50	Very limited Slope Depth to bedrock Seepage	1.00 1.00 1.00	Very limited Slope Depth to bedrock Seepage	1.00 1.00 1.00	Very limited Depth to bedrock Slope Seepage	1.00 1.00 0.50
Rock Outcrop	30	Not Rated		Not Rated		Not Rated	
50: Urban Land	45	Not Rated		Not Rated		Not Rated	
Chavies	30	Very limited Seepage Flooding	1.00 0.40	Very limited Seepage Flooding	1.00 0.40	Somewhat limited Seepage	0.50
Other Soils	10	Very limited Slope Seepage	1.00 1.00	Very limited Slope	1.00	Very limited Slope Hard to compact	1.00 0.50
Holly	5	Very limited Slope Seepage	1.00 1.00	Very limited Slope	1.00	Very limited Slope Hard to compact	1.00 0.50
70B: Cedarcreek	100	Very limited Seepage Slope	1.00 0.04	Very limited Seepage Slope	1.00 0.04	Very limited Gravel content Seepage Slope	1.00 0.21 0.04
Wet Minesoil	5	Very limited Slope Seepage	1.00 1.00	Very limited Slope	1.00	Very limited Slope Hard to compact	1.00 0.50
70F:							

Table ENG-6. - Sanitary Facilities - Continued

McDowell County, West Virginia

Map Symbol and Soil Name	Pct of Map Unit	Trench Sanitary Landfill			Area Sanitary Landfill			Daily Cover for Landfill
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	
70F: Cedarcreek	65	Very limited Slope Seepage	1.00 1.00	Very limited Slope Seepage	1.00 1.00	Very limited Slope Gravel content Seepage	1.00 1.00 0.21	
Other Soils	20	Very limited Slope Seepage	1.00 1.00	Very limited Slope	1.00	Very limited Slope Hard to compact	1.00 0.50	
Rock Outcrop	15	Not Rated		Not Rated		Not Rated		
71B: Kaymine	100	Very limited Seepage Slope	1.00 0.04	Very limited Seepage Slope	1.00 0.04	Very limited Gravel content Seepage Slope	1.00 0.21 0.04	
Wet Minesoil	5	Very limited Slope Seepage	1.00 1.00	Very limited Slope	1.00	Very limited Slope Hard to compact	1.00 0.50	
71F: Kaymine	65	Very limited Slope Seepage	1.00 1.00	Very limited Slope Seepage	1.00 1.00	Very limited Slope Gravel content Seepage	1.00 1.00 0.21	
Other Soils	20	Very limited Slope Seepage	1.00 1.00	Very limited Slope	1.00	Very limited Slope Hard to compact	1.00 0.50	
Rock Outcrop	15	Not Rated		Not Rated		Not Rated		
72B: Itmann	100	Very limited Slope Seepage	1.00 1.00	Very limited Slope Seepage	1.00 1.00	Very limited Gravel content Slope Seepage	1.00 1.00 1.00	
72F: Itmann	100	Very limited Slope Seepage	1.00 1.00	Very limited Slope Seepage	1.00 1.00	Very limited Gravel content Slope Seepage	1.00 1.00 1.00	
73B: Itmann	100	Very limited Slope Seepage	1.00 1.00	Very limited Slope Seepage	1.00 1.00	Very limited Gravel content Slope Seepage	1.00 1.00 1.00	

Table ENG-6. - Sanitary Facilities - Continued

McDowell County, West Virginia

Map Symbol and Soil Name	Pct of Map Unit	Trench Sanitary Landfill	Value	Area Sanitary Landfill	Value	Daily Cover for Landfill	Value
		Rating Class and Limiting Features		Rating Class and Limiting Features		Rating Class and Limiting Features	
73F: Itmann	100	Very limited Slope Seepage	1.00 1.00	Very limited Slope Seepage	1.00 1.00	Very limited Gravel content Slope Seepage	1.00 1.00 1.00
74F: Kaymine	35	Very limited Slope Seepage	1.00 1.00	Very limited Slope Seepage	1.00 1.00	Very limited Slope Gravel content Seepage	1.00 1.00 0.21
Cedarcreek	25	Very limited Slope Seepage	1.00 1.00	Very limited Slope Seepage	1.00 1.00	Very limited Slope Gravel content Seepage	1.00 1.00 0.21
Dekalb	20	Very limited Slope Depth to bedrock Seepage	1.00 1.00 1.00	Very limited Slope Seepage Depth to bedrock	1.00 1.00 1.00	Very limited Depth to bedrock Slope Seepage	1.00 1.00 1.00
Other Soils	20	Very limited Slope Seepage	1.00 1.00	Very limited Slope	1.00	Very limited Slope Hard to compact	1.00 0.50
75B: Kaymine	35	Very limited Slope Seepage	1.00 1.00	Very limited Slope Seepage	1.00 1.00	Very limited Slope Gravel content Seepage	1.00 1.00 0.21
Cedarcreek	25	Very limited Slope Seepage	1.00 1.00	Very limited Slope Seepage	1.00 1.00	Very limited Slope Gravel content Seepage	1.00 1.00 0.21
Dekalb	20	Very limited Slope Depth to bedrock Seepage	1.00 1.00 1.00	Very limited Slope Seepage Depth to bedrock	1.00 1.00 1.00	Very limited Depth to bedrock Slope Seepage	1.00 1.00 1.00
Other Soils	20	Very limited Slope Seepage	1.00 1.00	Very limited Slope	1.00	Very limited Slope Hard to compact	1.00 0.50
75F: Kaymine	65	Very limited Slope Seepage	1.00 1.00	Very limited Slope Seepage	1.00 1.00	Very limited Slope Gravel content Seepage	1.00 1.00 0.21

Table ENG-6. - Sanitary Facilities - Continued

McDowell County, West Virginia

Map Symbol and Soil Name	Pct of Map Unit	Trench Sanitary Landfill	Value	Area Sanitary Landfill	Value	Daily Cover for Landfill	Value
		Rating Class and Limiting Features		Rating Class and Limiting Features		Rating Class and Limiting Features	
75F: Other Soils	20	Very limited Slope Seepage	1.00 1.00	Very limited Slope	1.00	Very limited Slope Hard to compact	1.00 0.50
Rock Outcrop	15	Not Rated		Not Rated		Not Rated	
76B: Sewell	100	Very limited Seepage Slope	1.00 0.04	Very limited Seepage Slope	1.00 0.04	Very limited Seepage Gravel content Slope	1.00 1.00 0.04
Wet Minesoil	5	Very limited Slope Seepage	1.00 1.00	Very limited Slope	1.00	Very limited Slope Hard to compact	1.00 0.50
76F: Sewell	65	Very limited Slope Seepage	1.00 1.00	Very limited Slope Seepage	1.00 1.00	Very limited Slope Seepage Gravel content	1.00 1.00 1.00
Other Soils	20	Very limited Slope Seepage	1.00 1.00	Very limited Slope	1.00	Very limited Slope Hard to compact	1.00 0.50
Rock Outcrop	15	Not Rated		Not Rated		Not Rated	
80: Udorthents	100	Very limited Slope Seepage	1.00 1.00	Very limited Slope	1.00	Very limited Slope Hard to compact	1.00 1.00
BrF: Berks	50	Very limited Slope Depth to bedrock Seepage	1.00 1.00 1.00	Very limited Slope Depth to bedrock Seepage	1.00 1.00 1.00	Very limited Depth to bedrock Slope Seepage	1.00 1.00 0.50
Rock Outcrop	30	Not Rated		Not Rated		Not Rated	
CeB: Cedarcreek	100	Very limited Seepage Slope	1.00 0.04	Very limited Seepage Slope	1.00 0.04	Very limited Gravel content Seepage Slope	1.00 0.21 0.04
Wet Minesoil	5	Very limited Slope Seepage	1.00 1.00	Very limited Slope	1.00	Very limited Slope Hard to compact	1.00 0.50

Table ENG-6. - Sanitary Facilities - Continued

McDowell County, West Virginia

Map Symbol and Soil Name	Pct of Map Unit	Trench Sanitary Landfill	Value	Area Sanitary Landfill	Value	Daily Cover for Landfill	Value
		Rating Class and Limiting Features		Rating Class and Limiting Features		Rating Class and Limiting Features	
CrF: Cedarcreek	65	Very limited Slope Seepage	1.00 1.00	Very limited Slope Seepage	1.00 1.00	Very limited Slope Gravel content Seepage	1.00 1.00 0.21
Other Soils	20	Very limited Slope Seepage	1.00 1.00	Very limited Slope	1.00	Very limited Slope Hard to compact	1.00 0.50
Rock Outcrop	15	Not Rated		Not Rated		Not Rated	
Cv: Chavies	95	Very limited Seepage Flooding	1.00 0.40	Very limited Seepage Flooding	1.00 0.40	Somewhat limited Seepage	0.50
Holly	5	Very limited Slope Seepage	1.00 1.00	Very limited Slope	1.00	Very limited Slope Hard to compact	1.00 0.50
GIE: Gilpin	40	Very limited Slope Depth to bedrock	1.00 1.00	Very limited Slope Depth to bedrock	1.00 1.00	Very limited Depth to bedrock Slope Gravel content	1.00 1.00 <0.01
Lily	40	Very limited Slope Depth to bedrock	1.00 1.00	Very limited Slope Depth to bedrock Seepage	1.00 1.00 1.00	Very limited Depth to bedrock Slope Seepage	1.00 1.00 0.50
Other Soils	20	Very limited Slope Seepage	1.00 1.00	Very limited Slope	1.00	Very limited Slope Hard to compact	1.00 0.50
ItF: Itmann	100	Very limited Slope Seepage	1.00 1.00	Very limited Slope Seepage	1.00 1.00	Very limited Gravel content Slope Seepage	1.00 1.00 1.00
KaB: Kaymine	100	Very limited Seepage Slope	1.00 0.04	Very limited Seepage Slope	1.00 0.04	Very limited Gravel content Seepage Slope	1.00 0.21 0.04
Wet Minesoil	5	Very limited Slope Seepage	1.00 1.00	Very limited Slope	1.00	Very limited Slope Hard to compact	1.00 0.50

Table ENG-6. - Sanitary Facilities - Continued

McDowell County, West Virginia

Map Symbol and Soil Name	Pct of Map Unit	Trench Sanitary Landfill			Area Sanitary Landfill	Daily Cover for Landfill	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
KcF: Kaymine	35	Very limited Slope Seepage	1.00 1.00	Very limited Slope Seepage	1.00 1.00	Very limited Slope Gravel content Seepage	1.00 1.00 0.21
Cedarcreek	25	Very limited Slope Seepage	1.00 1.00	Very limited Slope Seepage	1.00 1.00	Very limited Slope Gravel content Seepage	1.00 1.00 0.21
Dekalb	20	Very limited Slope Depth to bedrock Seepage	1.00 1.00 1.00	Very limited Slope Seepage Depth to bedrock	1.00 1.00 1.00	Very limited Depth to bedrock Slope Seepage	1.00 1.00 1.00
Other Soils	20	Very limited Slope Seepage	1.00 1.00	Very limited Slope	1.00	Very limited Slope Hard to compact	1.00 0.50
KrF: Kaymine	65	Very limited Slope Seepage	1.00 1.00	Very limited Slope Seepage	1.00 1.00	Very limited Slope Gravel content Seepage	1.00 1.00 0.21
Other Soils	20	Very limited Slope Seepage	1.00 1.00	Very limited Slope	1.00	Very limited Slope Hard to compact	1.00 0.50
Rock Outcrop	15	Not Rated		Not Rated		Not Rated	
LIC: Lily	100	Very limited Depth to bedrock Slope	1.00 0.04	Very limited Depth to bedrock Seepage Slope	1.00 1.00 0.04	Very limited Depth to bedrock Seepage Slope	1.00 0.50 0.04
PBF: Pineville	40	Very limited Slope Seepage	1.00 1.00	Very limited Slope	1.00	Very limited Slope Gravel content	1.00 0.32
Berks	35	Very limited Slope Depth to bedrock Seepage	1.00 1.00 1.00	Very limited Slope Depth to bedrock Seepage	1.00 1.00 1.00	Very limited Depth to bedrock Slope Seepage	1.00 1.00 0.50
Other Soils	25	Very limited Slope Seepage	1.00 1.00	Very limited Slope	1.00	Very limited Slope Hard to compact	1.00 0.50

Table ENG-6. - Sanitary Facilities - Continued

McDowell County, West Virginia

Map Symbol and Soil Name	Pct of Map Unit	Trench Sanitary Landfill	Value	Area Sanitary Landfill	Value	Daily Cover for Landfill	Value
		Rating Class and Limiting Features		Rating Class and Limiting Features		Rating Class and Limiting Features	
PIE: Pineville	60	Very limited Slope Seepage	1.00 1.00	Very limited Slope	1.00	Very limited Slope Gravel content	1.00 0.35
Lily	25	Very limited Slope Depth to bedrock	1.00 1.00	Very limited Slope Depth to bedrock Seepage	1.00 1.00 1.00	Very limited Depth to bedrock Slope Seepage	1.00 1.00 0.50
Other Soils	20	Very limited Slope Seepage	1.00 1.00	Very limited Slope	1.00	Very limited Slope Hard to compact	1.00 0.50
SeB: Sewell	100	Very limited Seepage Slope	1.00 0.04	Very limited Seepage Slope	1.00 0.04	Very limited Seepage Gravel content Slope	1.00 1.00 0.04
Wet Minesoil	5	Very limited Slope Seepage	1.00 1.00	Very limited Slope	1.00	Very limited Slope Hard to compact	1.00 0.50
SrF: Sewell	65	Very limited Slope Seepage	1.00 1.00	Very limited Slope Seepage	1.00 1.00	Very limited Slope Seepage Gravel content	1.00 1.00 1.00
Other Soils	20	Very limited Slope Seepage	1.00 1.00	Very limited Slope	1.00	Very limited Slope Hard to compact	1.00 0.50
Rock Outcrop	15	Not Rated		Not Rated		Not Rated	
Ud: Udorthents	100	Very limited Slope Seepage	1.00 1.00	Very limited Slope	1.00	Very limited Slope Hard to compact	1.00 1.00
Ur: Urban Land	45	Not Rated		Not Rated		Not Rated	
Chavies	30	Very limited Seepage Flooding	1.00 0.40	Very limited Seepage Flooding	1.00 0.40	Somewhat limited Seepage	0.50
Other Soils	10	Very limited Slope Seepage	1.00 1.00	Very limited Slope	1.00	Very limited Slope Hard to compact	1.00 0.50

Table ENG-6. - Sanitary Facilities - Continued

McDowell County, West Virginia

Map Symbol and Soil Name	Pct of Map Unit	Trench Sanitary Landfill	Value	Area Sanitary Landfill	Value	Daily Cover for Landfill	Value
		Rating Class and Limiting Features		Rating Class and Limiting Features		Rating Class and Limiting Features	
Ur: Holly	5	Very limited Slope Seepage	1.00 1.00	Very limited Slope	1.00	Very limited Slope Hard to compact	1.00 0.50
W: Water	100	Not Rated		Not Rated		Not Rated	
Ye: Yeager	100	Very limited Flooding Depth to saturated zone Too Sandy	1.00 1.00 1.00	Very limited Flooding Depth to saturated zone Seepage	1.00 1.00 1.00	Very limited Seepage Too Sandy	1.00 0.50
Holly	5	Very limited Slope Seepage	1.00 1.00	Very limited Slope	1.00	Very limited Slope Hard to compact	1.00 0.50